

Figure 1.

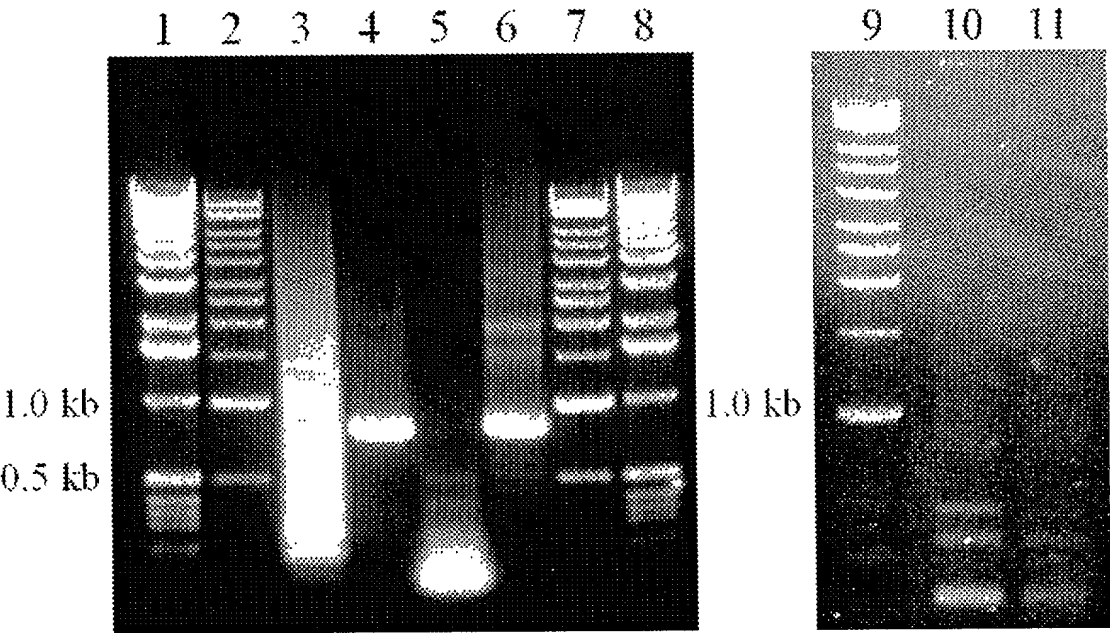
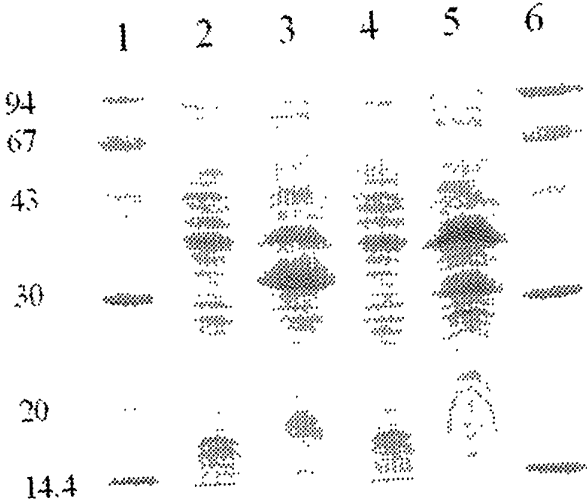
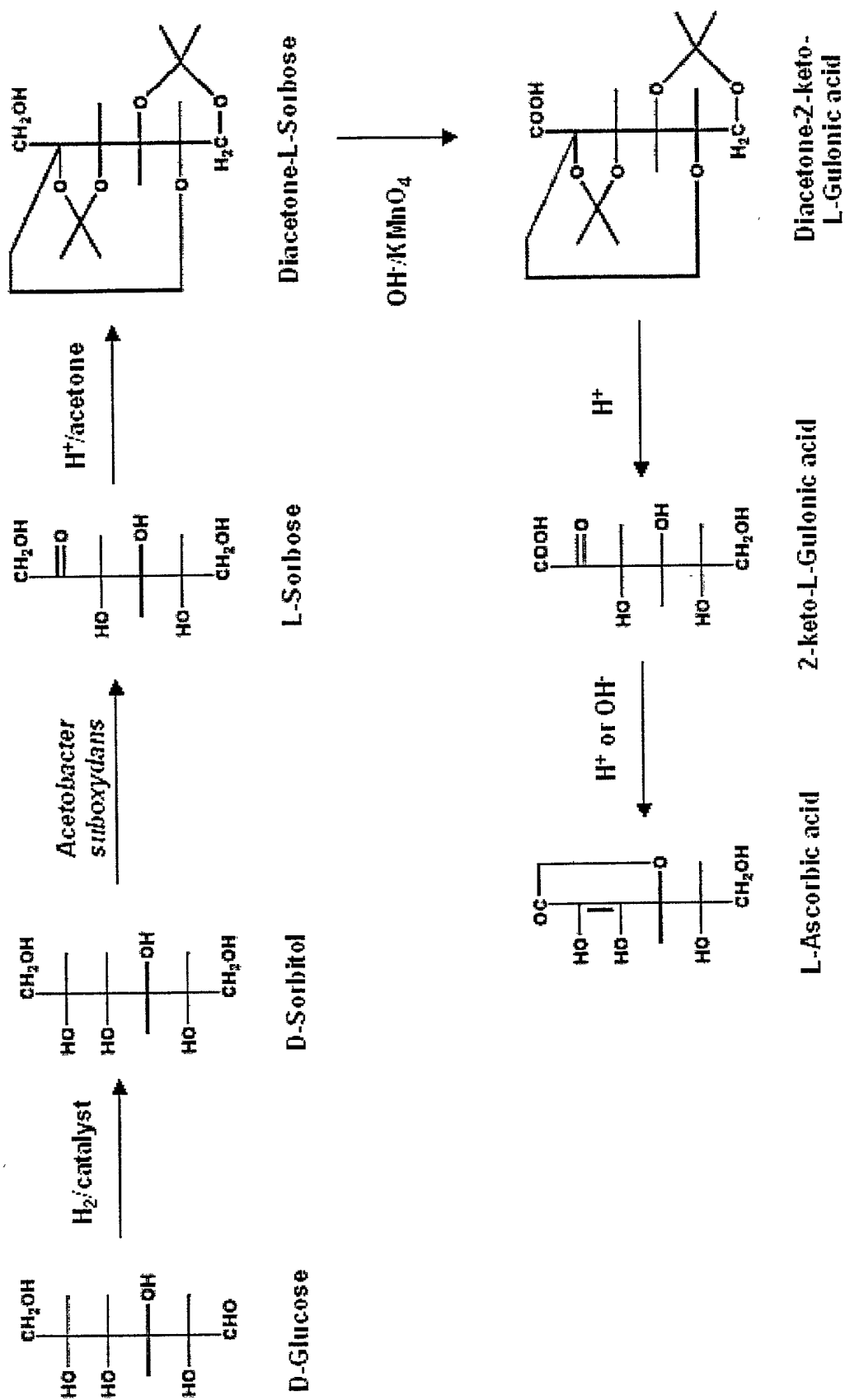


Figure 2.



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FIGURE 3



The Sonoyama "Tandem Fermentation" Synthesis of L-Ascorbate (1982)

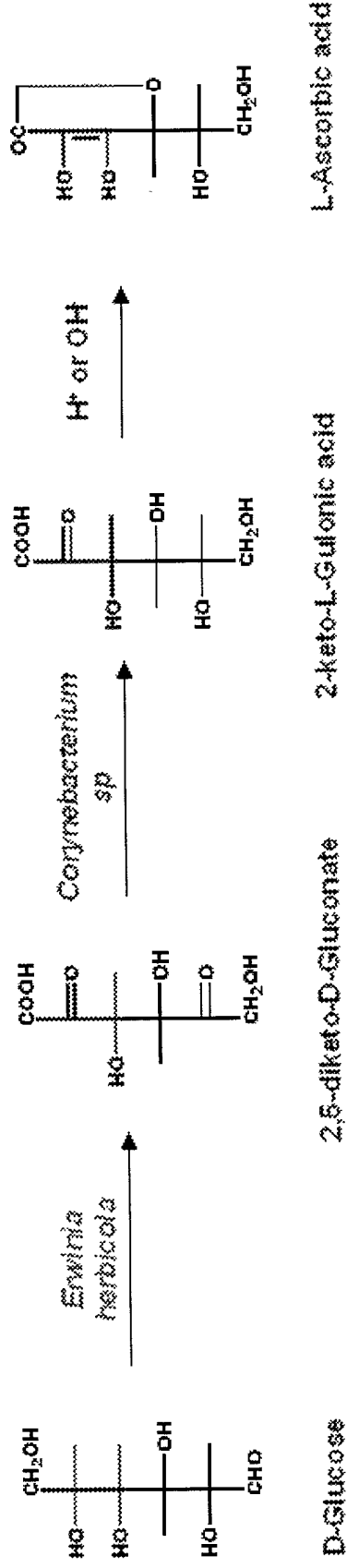


FIG. 4

The "Single Bug" Synthesis of L-Ascorbate (Anderson 1985)

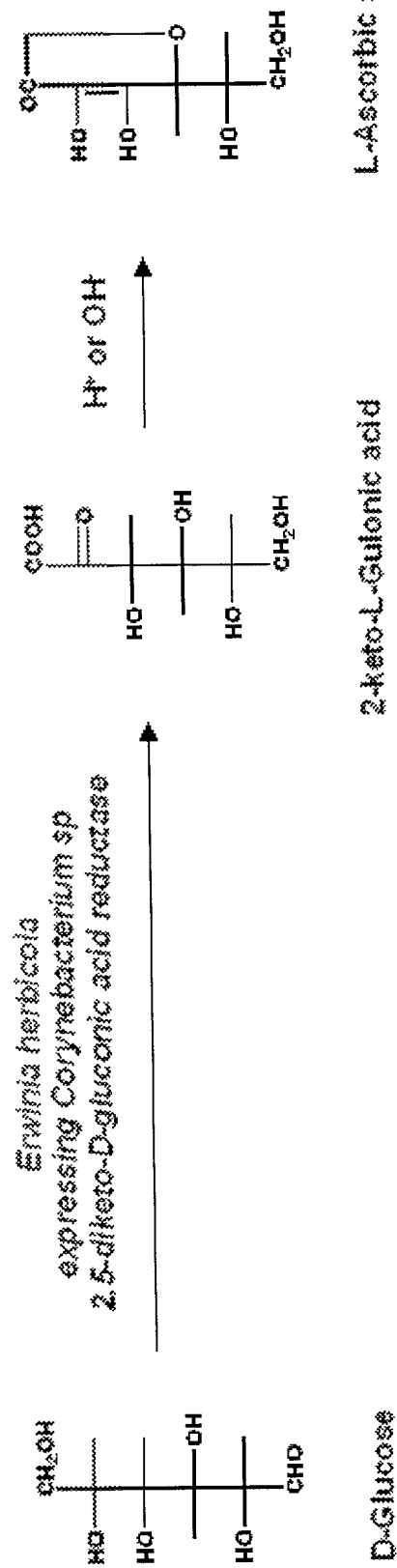


FIG. 5